



# Core & Coil (71A) MH ~GT~ 450W

## CORE & COIL HID MH BAL 1500W M48 480V KIT

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

## **Product data**

General Information				
ANSI Code	M48			
Lamp Type	1500W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A6742A			
Core Size	4 1/4 x 6			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	NA			
Ignitor Temperature Rating	NA			
Capacitor Value	32 MFD			
Capacitor Catalog Number	MD3202100			
Capacitor Requirements	525V			
Capacitor Temperature Rating	90°C			
Capacitor Diameter/Oval Dimensions	2 in			
Capacitor Height	3.75 in			
Automatic Restart	No			
Operating and Electrical				
Input Voltage	480 V			

Input Frequency	60 Hz	
Inp. Current (Open Circuit)	1.56 A	
Input Current (Starting)	2.94 A	
Input Current (Short Circuit)	2.41-3.62 V	
Secondary Short Circuit Current	7.4-9 A	
Constant Wattage Deviation	12%	
Ballast Factor (Nom)	1	
Power Factor (Nom)	0.90	
Nominal Open Circuit Voltage	460 V	
Input Current (Operating) (Nom)	3.43 A A	
Input Power (Nom)	1610 W	
Rated Lamp Watts	1500 W	
Wiring		
Wire Striplength	0.5 mm	
Wire Length by Color	12"	
Wire Type	Stranded	
Remote Wiring Configuration Allowed	Yes	
Max Ballast-Lamp Distance Remote Wiring Determined by AWG used		
Recommended Fuse Value	10 A	

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Approval	and	Ann	lication
Approva	anu	App	lication

Open Circuit Voltage Test (Volts)	414-506 V			
Approbation Marks	ULR CSA certificate RoHS Compliant			
Temperature Marking	E			
UL Recognized	Yes			
Hipot Test (1 Minute)	2000 V			
Hipot Test (2 Seconds)	2500 V			
UL Insulation Class	H(180°C)			
UL Temperature Code	1029E			

480V KIT

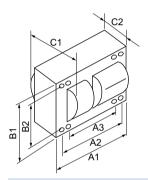
CORE & COIL HID MH BAL 1500W M48

EAN/UPC - Product	781087674215
Order code	71A6742001
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700536909
Net Weight (Piece)	14.438 kg

#### Product Data

Order product name

### **Dimensional drawing**



MH BAL 1500W M48 480V KIT

Product	C1	C2	<b>A</b> 1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1500W	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M48 480V KIT							



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